

FIG. 1 A

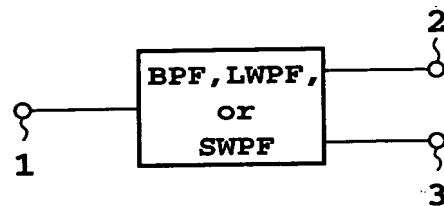


FIG. 1 B

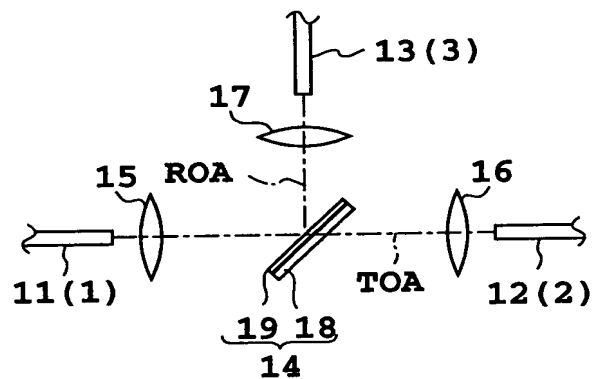


FIG. 1 C

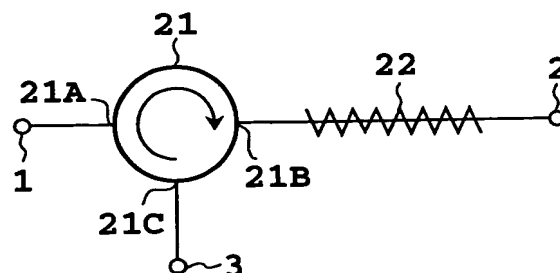


FIG. 2

PRIOR ART

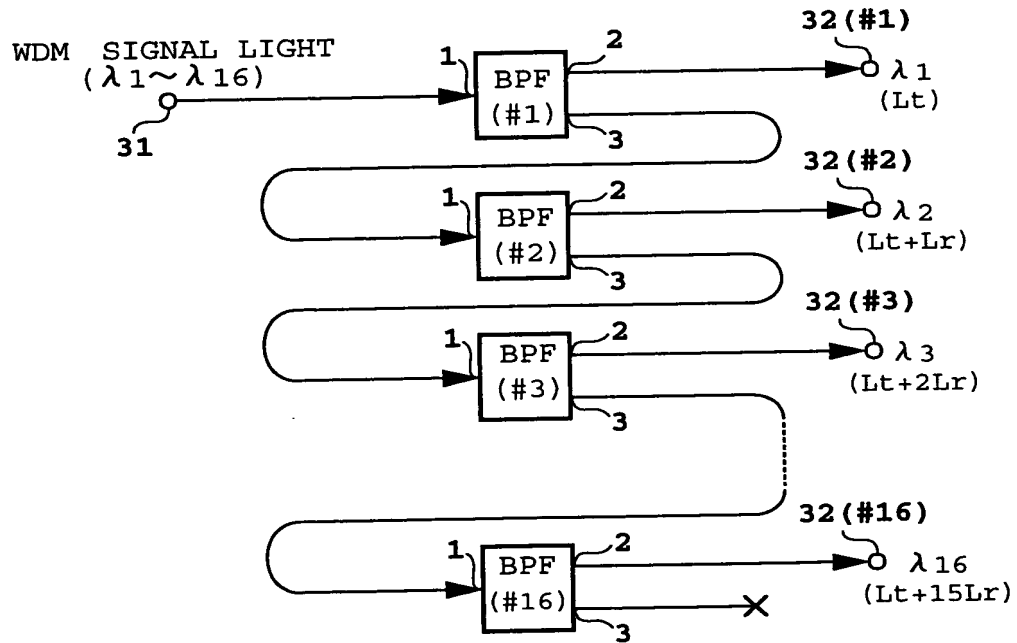


FIG. 3

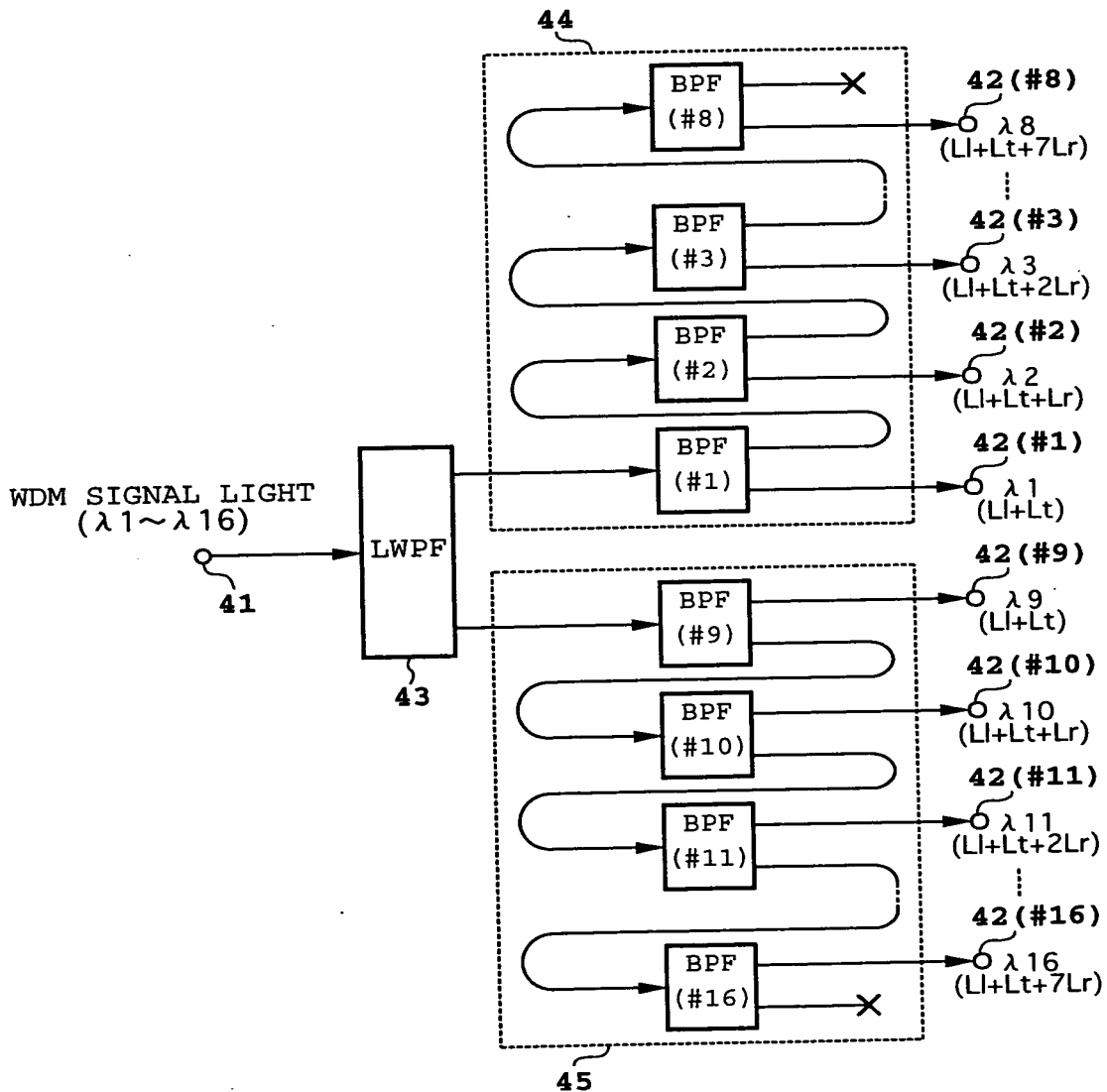


FIG. 4

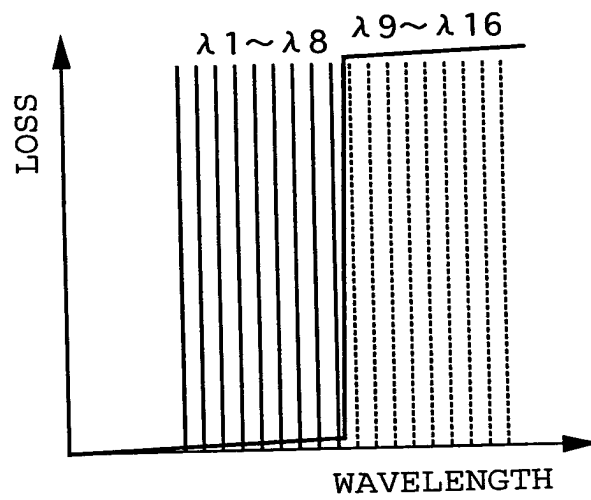


FIG. 5

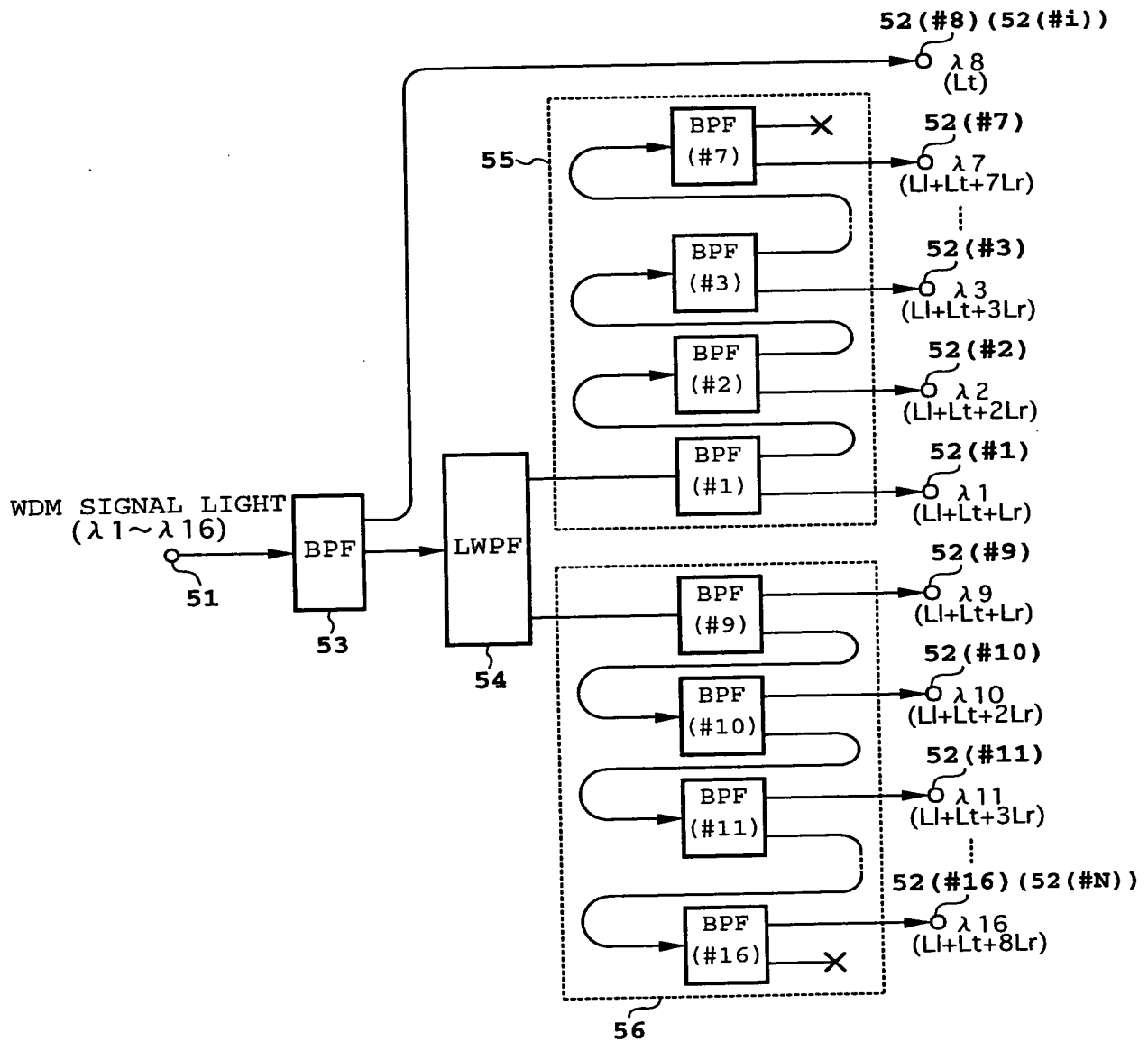
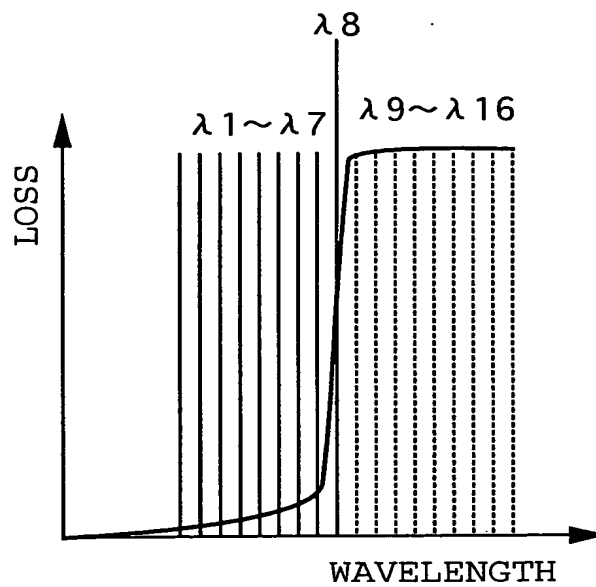


FIG. 6



WDM SIGNAL LIGHT ($\lambda 1 \sim \lambda 16$)

51

BPF 53

BPF 61

LWP 54

55

BPF (#1) \times

52 (#1) $\lambda 1$

BPF (#2)

52 (#2) $\lambda 2$

BPF (#3)

52 (#3) $\lambda 3$

BPF (#4)

52 (#4) $\lambda 4$

52 (#5) (52 (#i)) $\lambda 5$

56

BPF (#6) \times

52 (#6) $\lambda 6$

BPF (#7)

52 (#7) $\lambda 7$

BPF (#8)

52 (#8) $\lambda 8$

52 (#9) (52 (#N)) $\lambda 9$

52 (#10) $\lambda 10$

52 (#11) $\lambda 11$

62

LWP 62

63

BPF (#11)

52 (#12) $\lambda 12$

BPF (#12)

52 (#13) $\lambda 13$

BPF (#13)

52 (#14) $\lambda 14$

BPF (#14)

52 (#15) $\lambda 15$

BPF (#15)

52 (#16) $\lambda 16$

BPF (#16) \times

FIG. 8

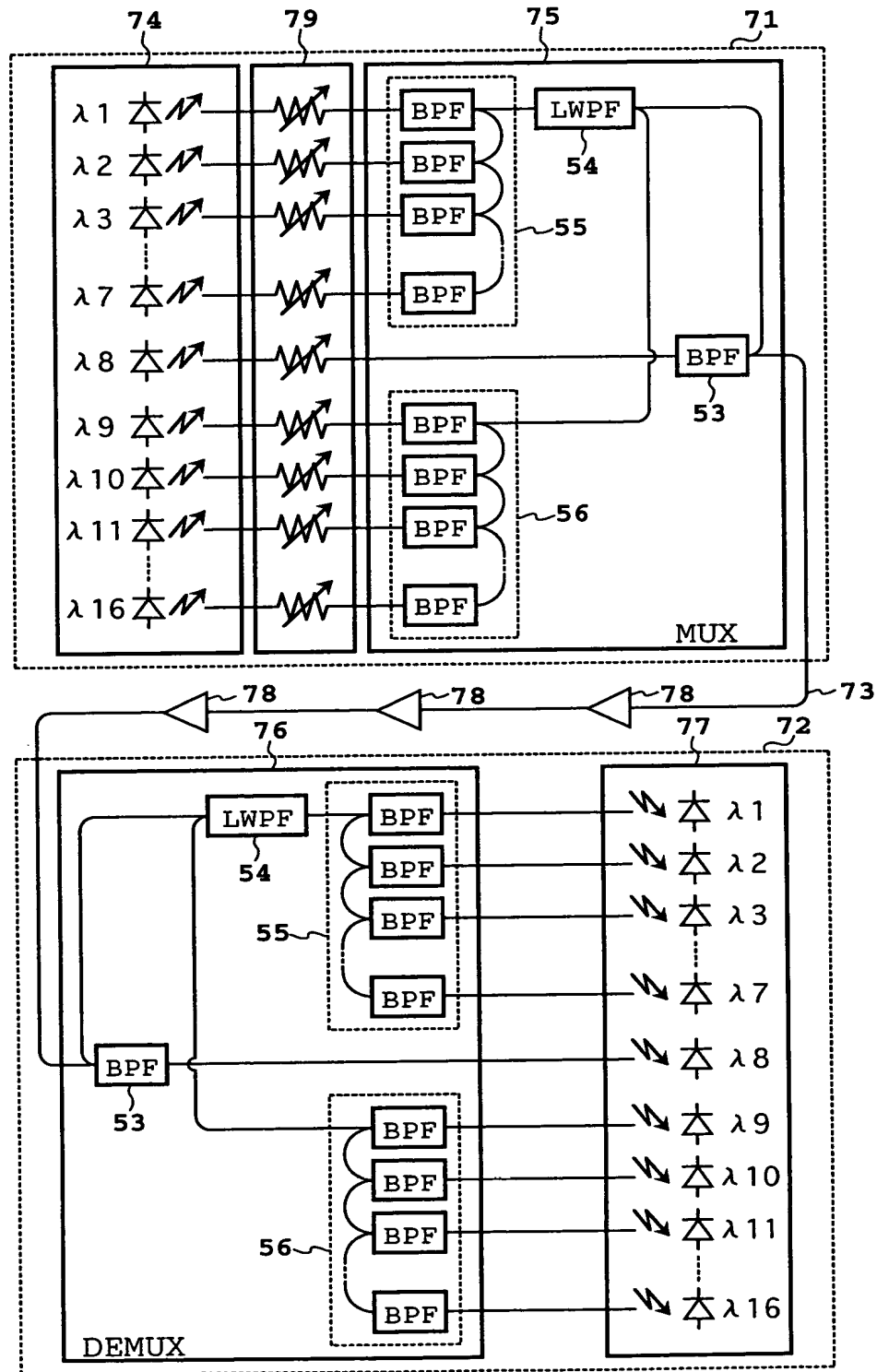


FIG. 9

